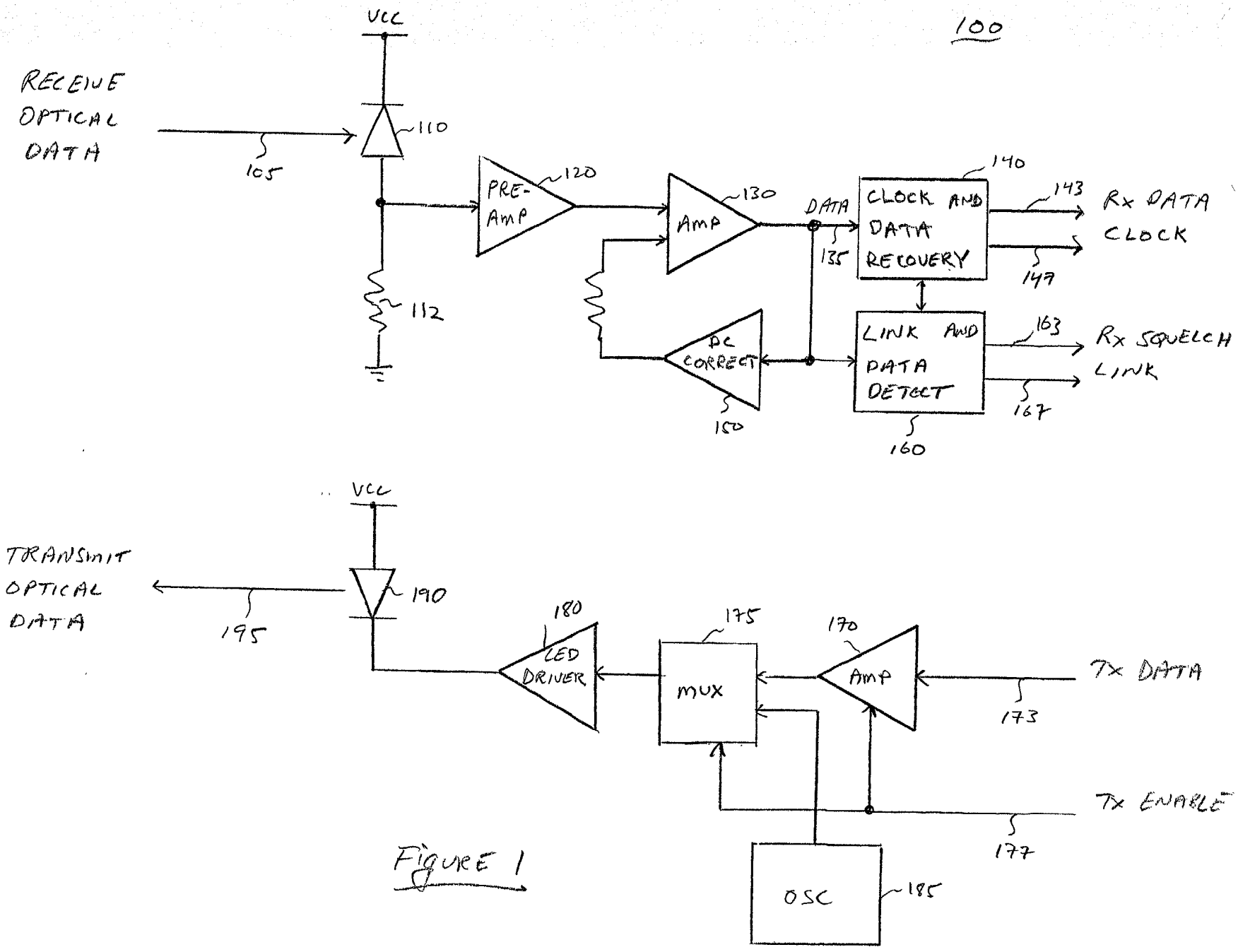
100
VCC
RECEIVE OPTICAL DATA
105
110
112
PRE-AMP
120
AMP
130
DATA
135
CLOCK AND DATA RECOVERY
140
143
Rx DATA CLOCK
149
DC CORRECT
150
LINK AND DATA DETECT
160
163
Rx SQUELCH LINK
167
VCC
TRANSMIT OPTICAL DATA
195
190
LED DRIVER
180
MUX
175
AMP
170
Tx DATA
173
Tx ENABLE
177
OSC
185

Figure 1

Posted 6/7/05

200

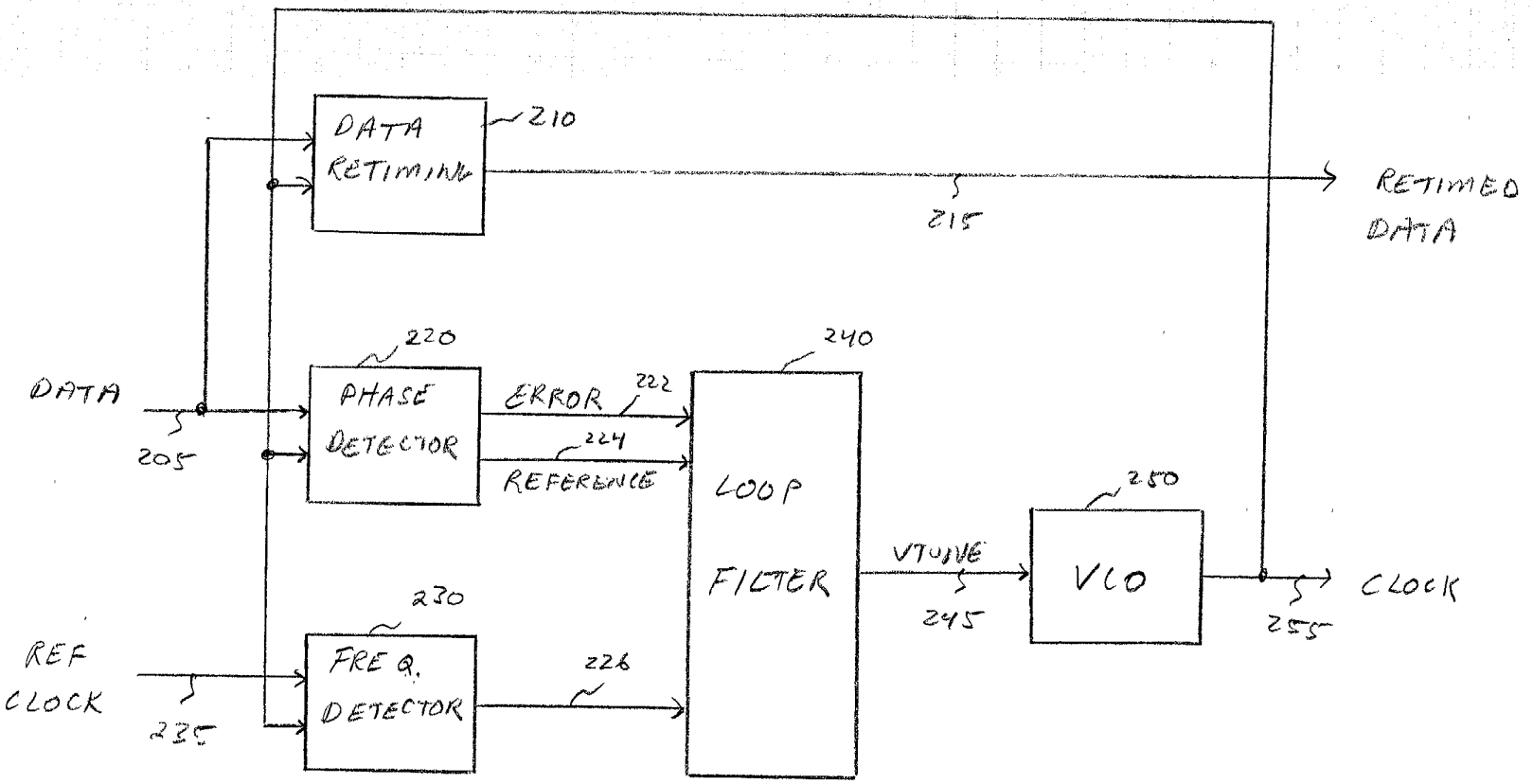

FIGURE 2

POSTED 6 Times 260

200

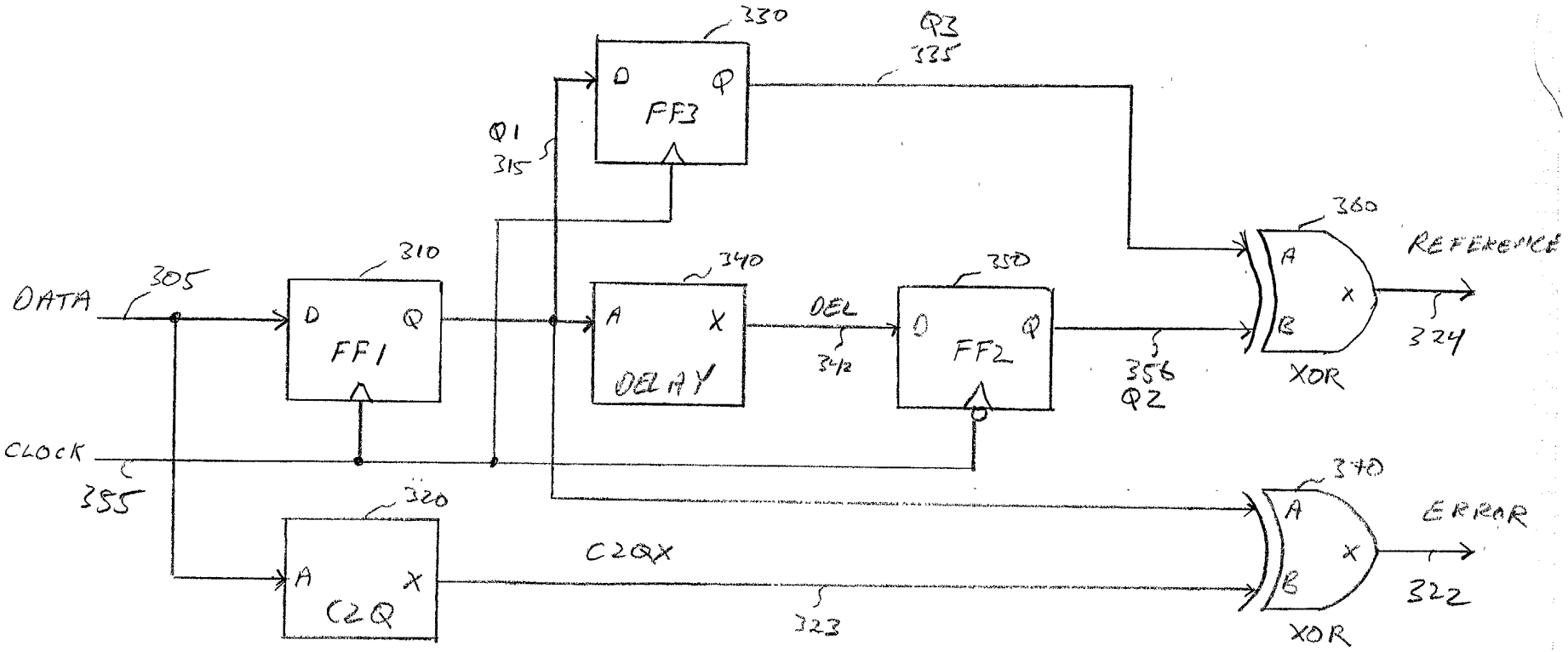

FIGURE 3

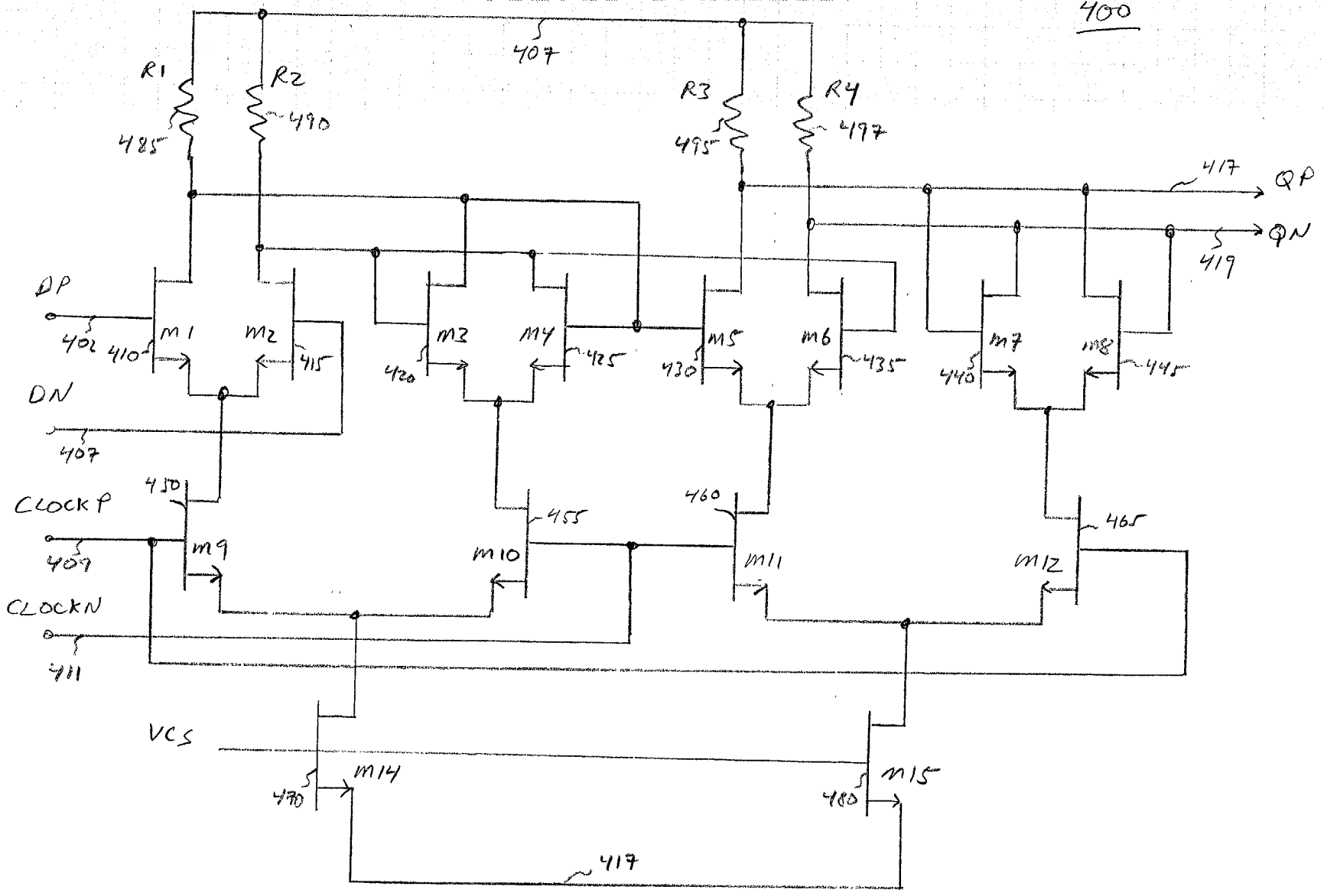
400
407
R1
R2
485
490
R3
R4
495
497
417
QP
QN
419
DP
402
410
M1
M2
415
M3
M4
420
425
M5
M6
430
435
M7
M8
440
445
DN
407
450
CLOCKP
409
M9
455
M10
460
M11
465
M12
CLOCKN
411
VCS
M14
470
M15
480
417

Figure 4

TOSTED" 6Ttm8260

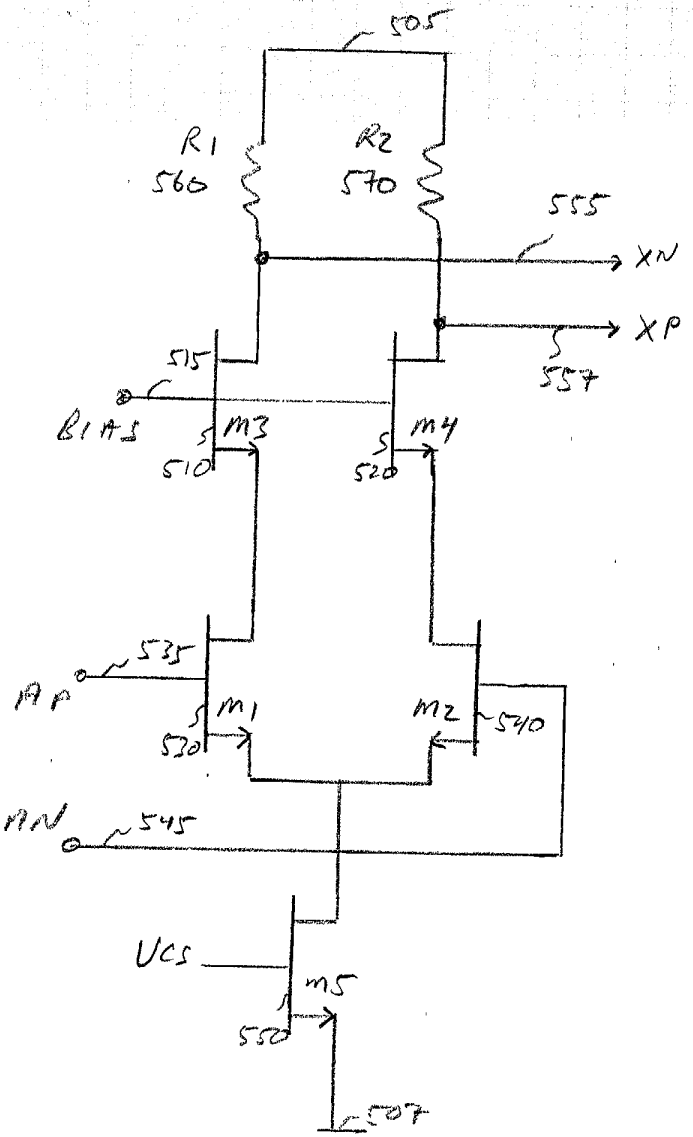

FIGURE 5

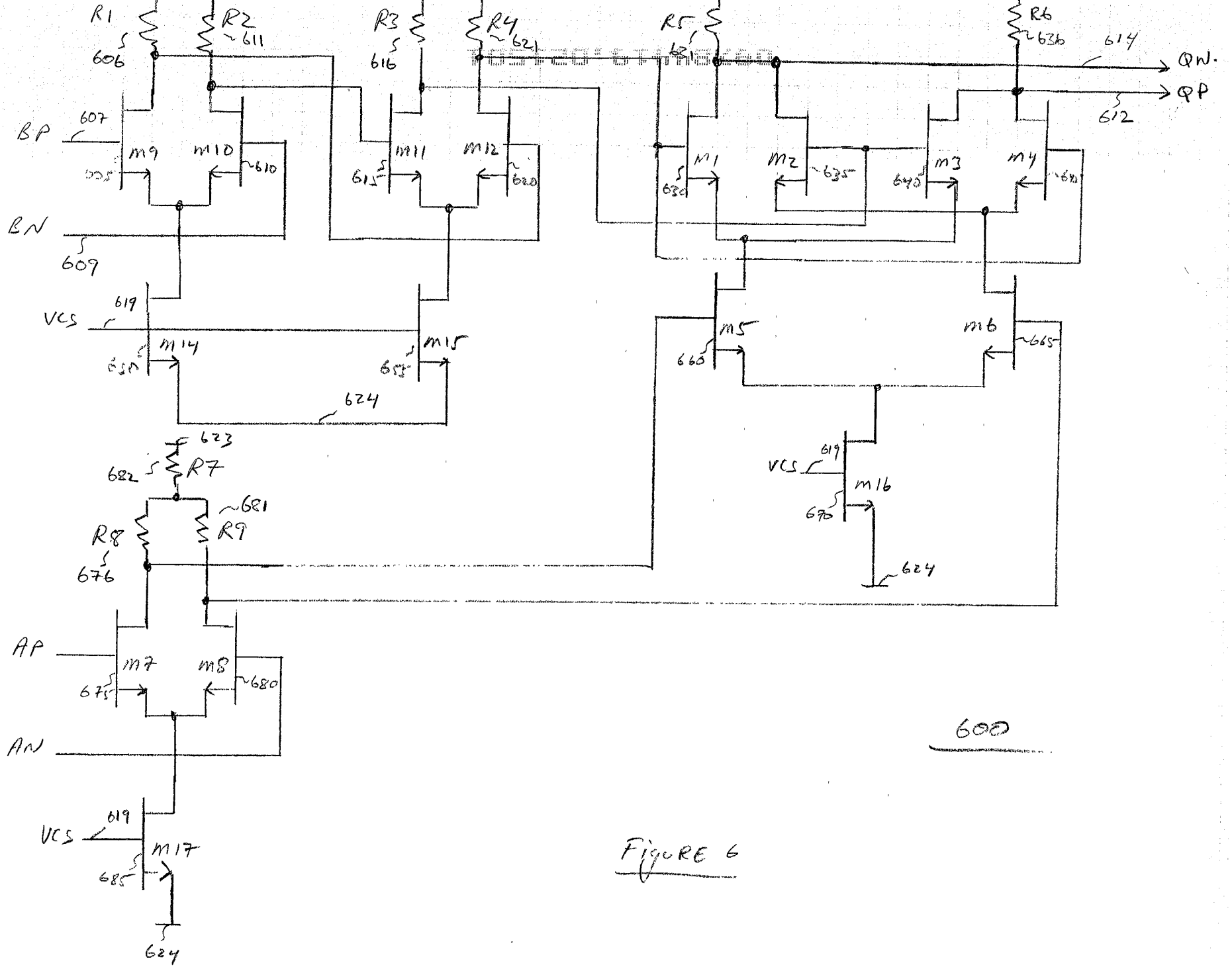
R1
606
R2
611
R3
616
R4
621
R5
631
R6
636
614
QN
QP
612
BP
607
m9
m10
610
m11
m12
620
m1
m2
635
m3
640
m4
645
BN
609
619
VCS
m14
650
m15
655
624
m5
660
m6
665
623
682
R7
681
R8
676
R9
VCS
619
m16
670
624
AP
m7
675
m8
680
AN
VCS
619
m17
685
624
600

Figure 6

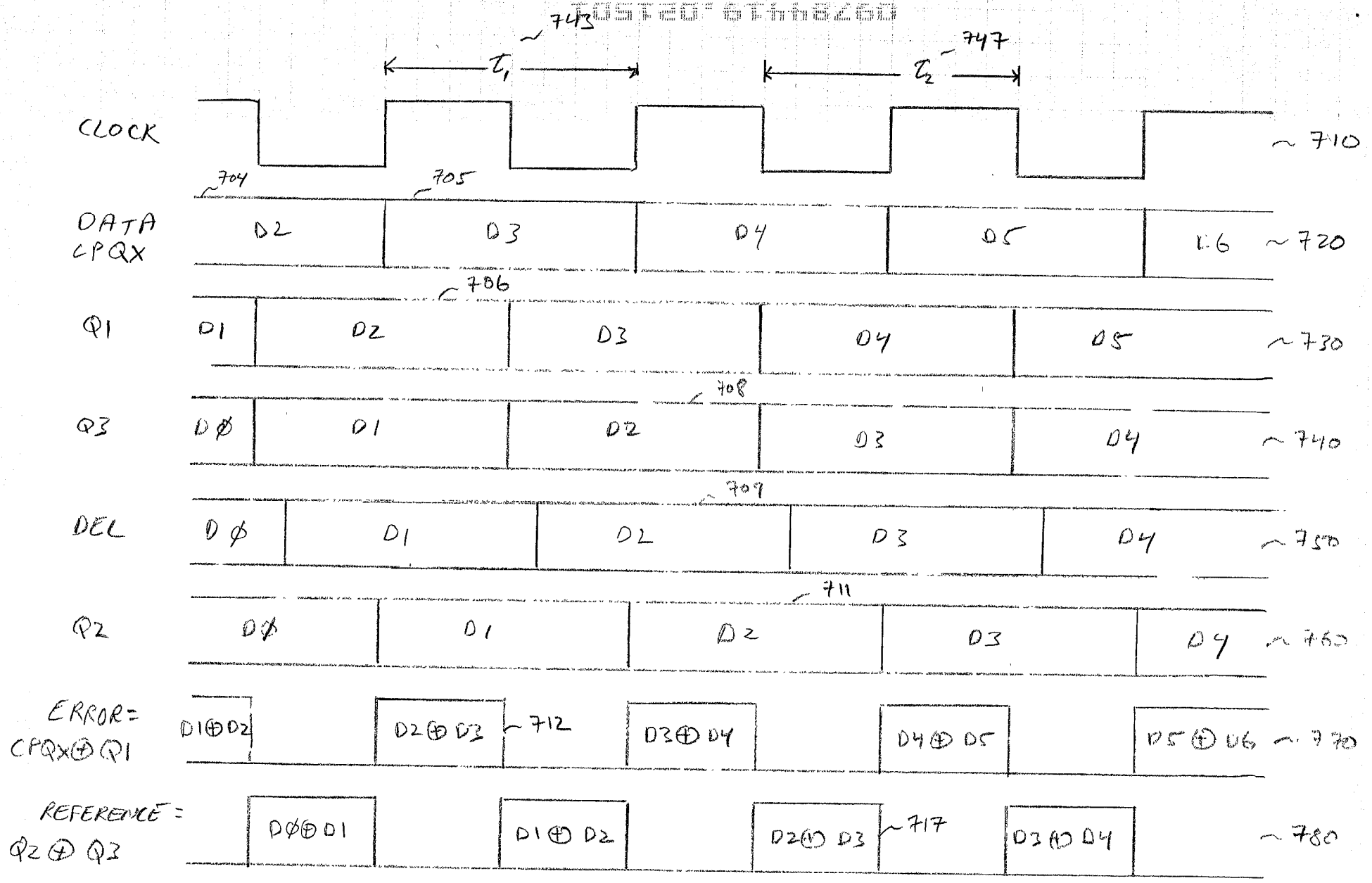
743
T_1
747
T_2
CLOCK
710
704
705
DATA CPQX
D2
D3
D4
D5
D6
720
706
Q1
D1
D2
D3
D4
D5
730
708
Q3
D∅
D1
D2
D3
D4
740
709
DEL
D∅
D1
D2
D3
D4
750
711
Q2
D∅
D1
D2
D3
D4
760
ERROR = CPQX ⊕ Q1
D1⊕D2
D2⊕D3
712
D3⊕D4
D4⊕D5
D5⊕D6
770
REFERENCE = Q2 ⊕ Q3
D∅⊕D1
D1⊕D2
D2⊕D3
717
D3⊕D4
780

Figure 7

FOSTER GRANGER

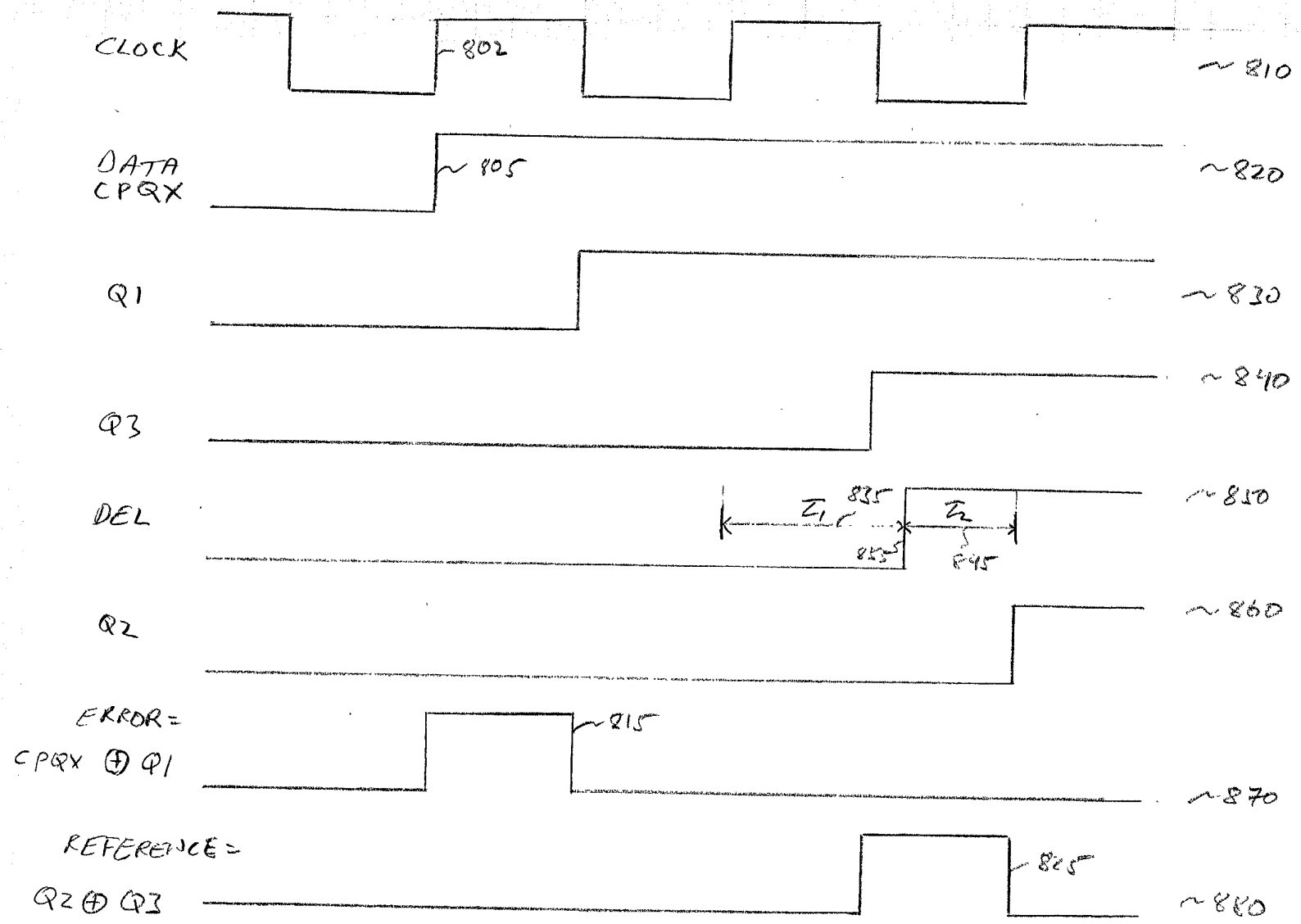

Figure 8

POSTED 07/16/2003

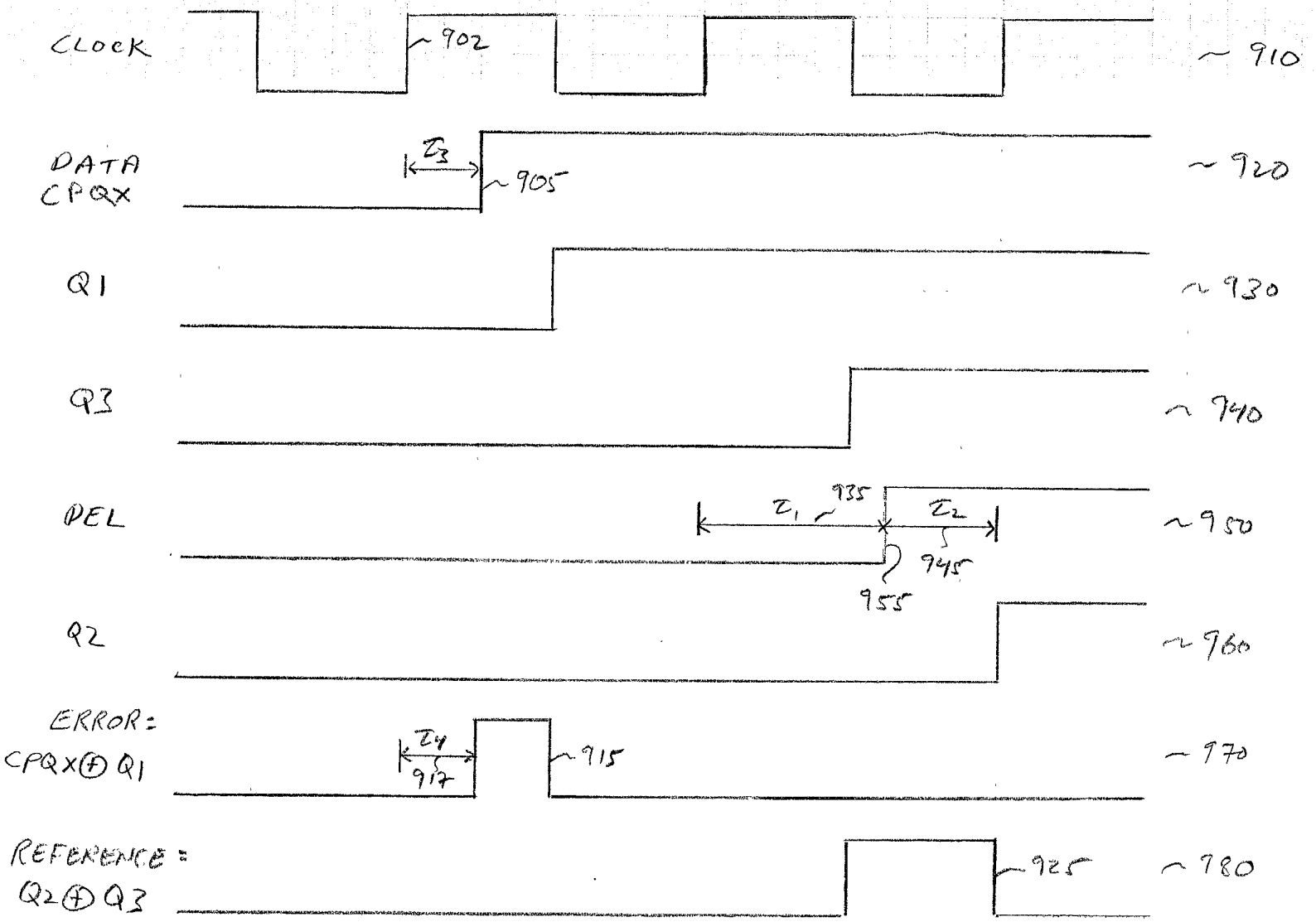

Figure 9

POSTED 07/16/2000

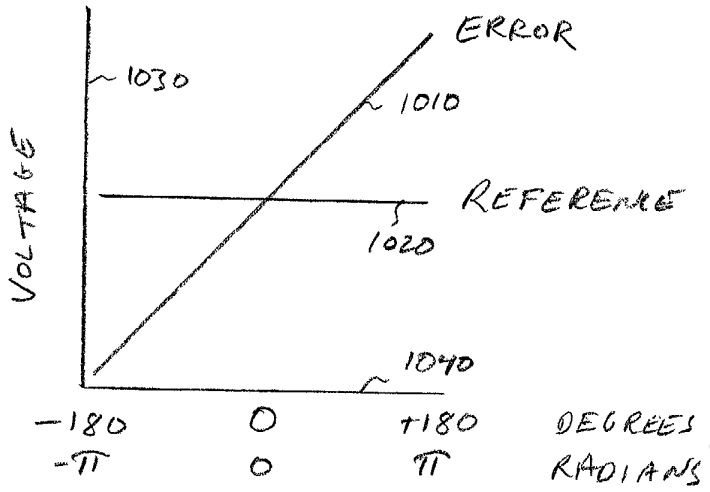

FIGURE 10

1100

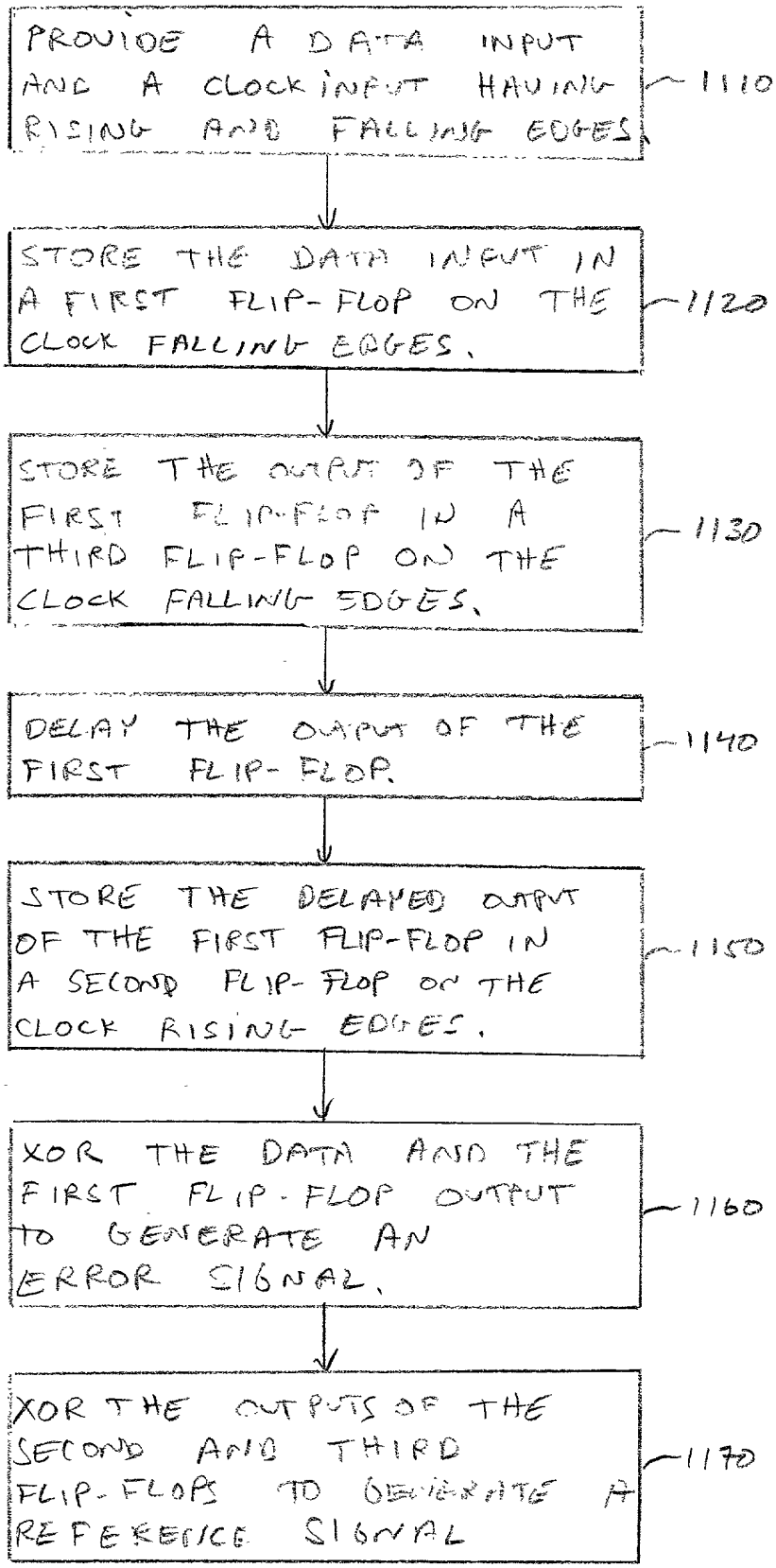

Figure 11